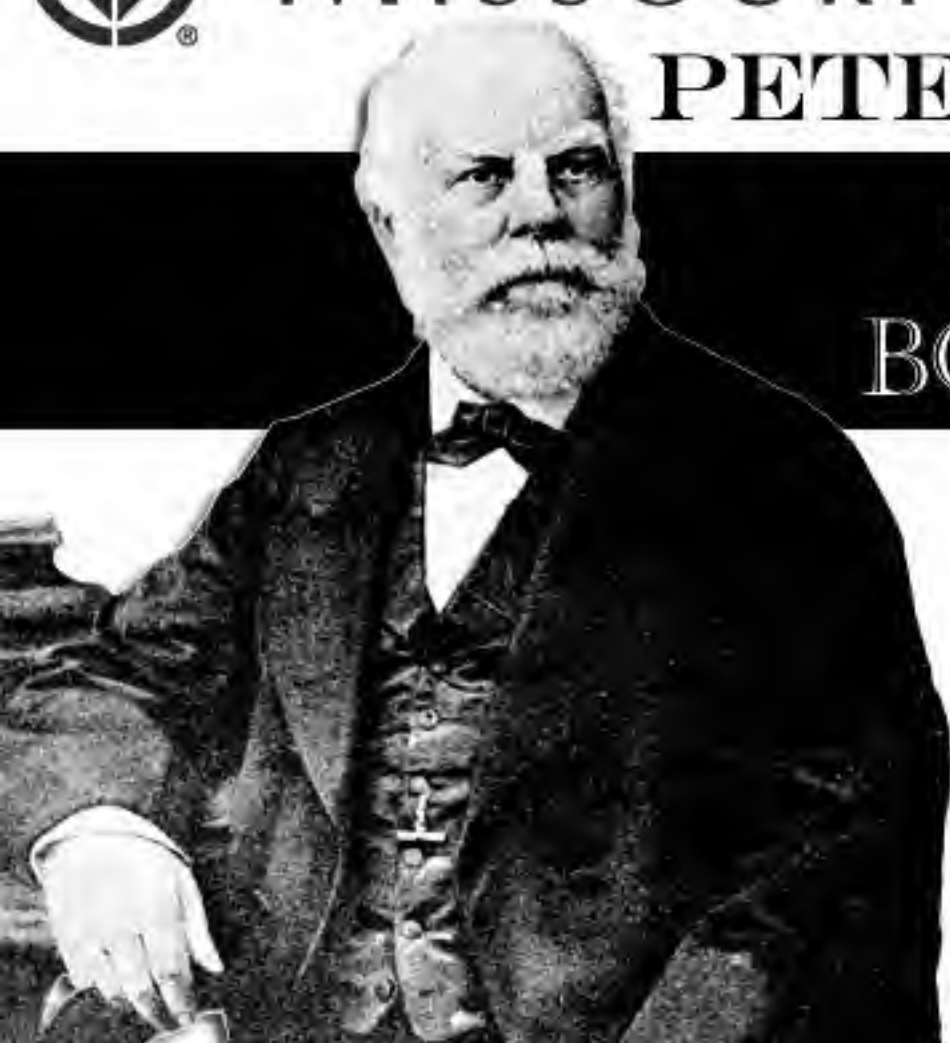




# MISSOURI BOTANICAL GARDEN PETER H. RAVEN

GEORGE ENGELMANN  
BOTANICAL



*Since  
page  
online  
nu*



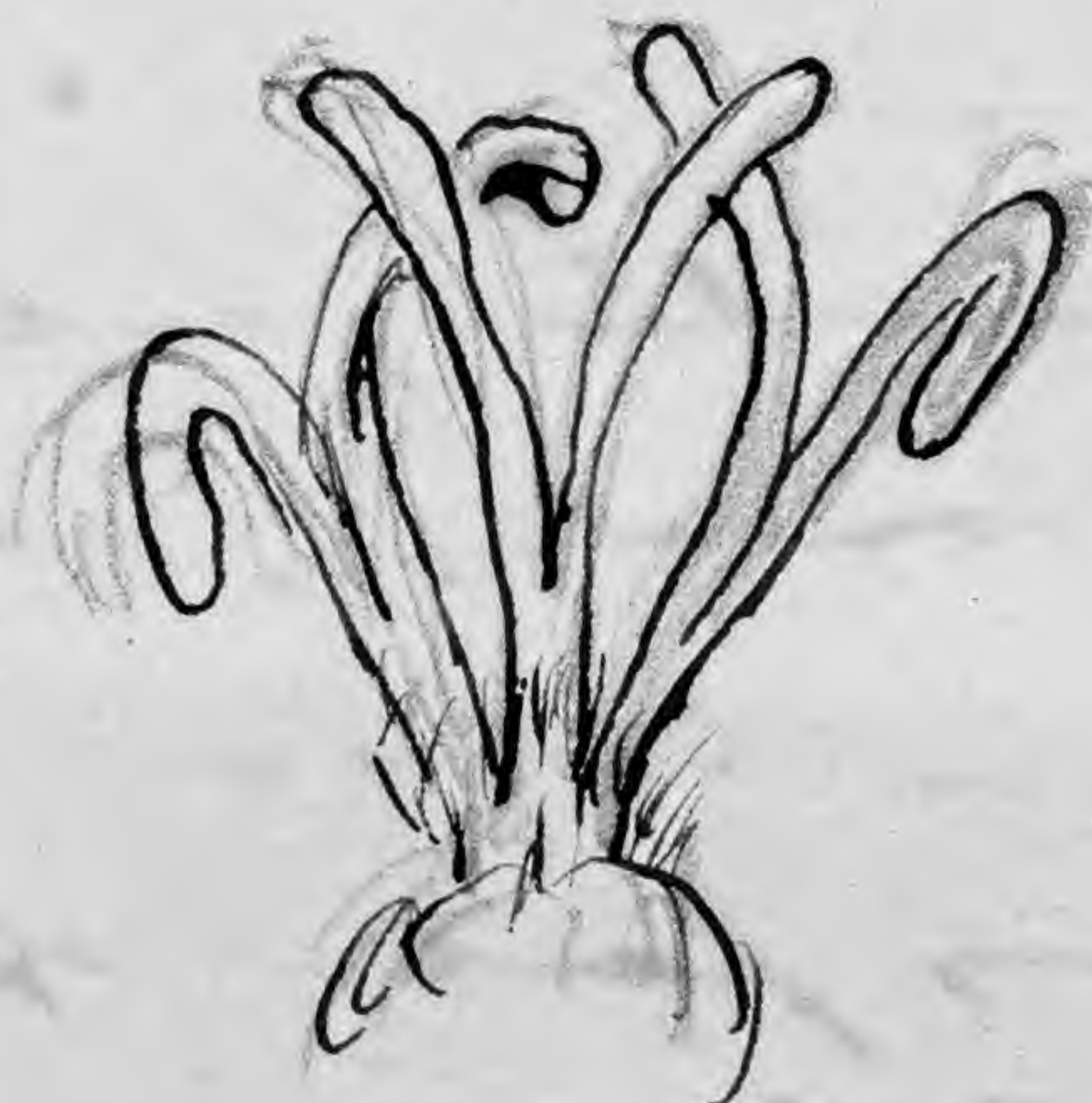
175

*Euph. breviflora* Engelm  
E. *nana* Kl. Mass

E. nana Kl. Mass

Sellow Brasilis

E. Chamberlain, Jr. Pres.



*Eradice lignea nigra nullis  
 rubris proeminentibus. <sup>pub</sup> adscutis  
 infra folia abortiva squamiformi-  
 gerantibus, floriferis, ramis ulteri-  
 oribus foliiferis; substerilibus  
 foliis ovatis <sup>suboblongis</sup> ~~obovatis~~ basi <sup>suboblonga</sup> ~~ob-~~  
 cordatis <sup>subob-</sup> obtusis ~~crenatis~~,  
 stipulis subulatis inconspicuis  
 anthodis in cymis laxis paucis  
 floribus ad basin ~~involucris~~  
~~ramorum dispositis~~; longipedunculatis  
 involucris campanulatis, puberulis  
 glandulis ~~transversis~~ <sup>obovatis</sup> ~~ovatis~~  
~~latis~~ <sup>obovatis</sup> ~~appressatis~~; lobis ~~ulterioribus~~  
 stylis per antheras bifidis, basi*



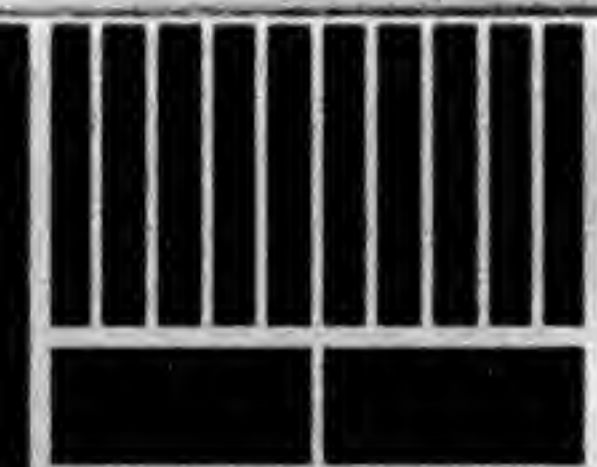
puberula connatis: ramis foli-  
formibus recurvis <sup>apice</sup> clavellatis  
ramis pubescentibus longioribus  
capsula acuta angulata; semine  
(nuda) maturis lineis longis  
angustis rugoso foveolis.  
pallidior.

6924

A very peculiar plant with almost  
radial flowers! and leafy  
leaves - lower ones on the  
floriferous part of the stem  
scaly like above - upper  
ones on the permentose branches  
4-6 l. long 3-4 wide  
imbricate with appendage 2-4  
l. diam - seed 1 l. long

Stems in my specimen  
only a few inches long  
with here and there a  
single flower  
long pedicels!!

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cm

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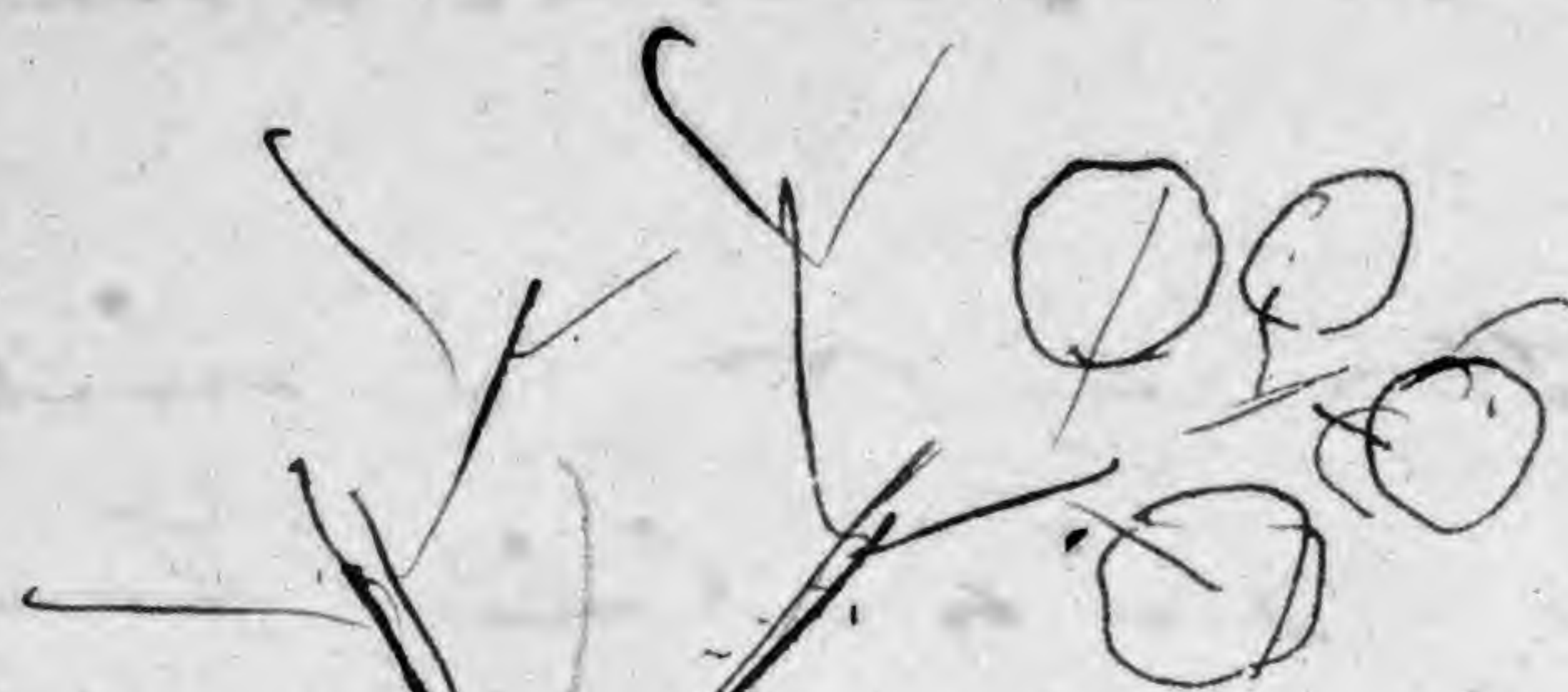
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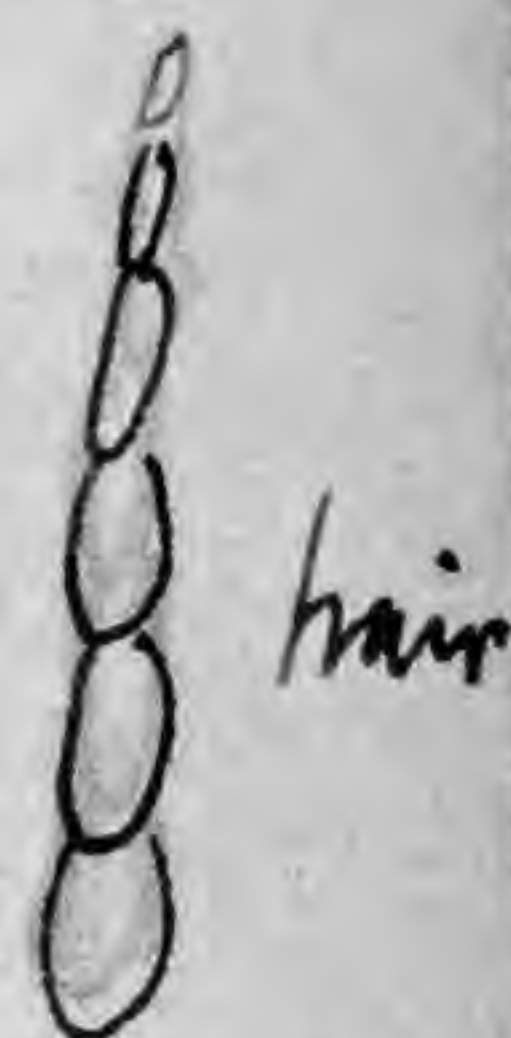
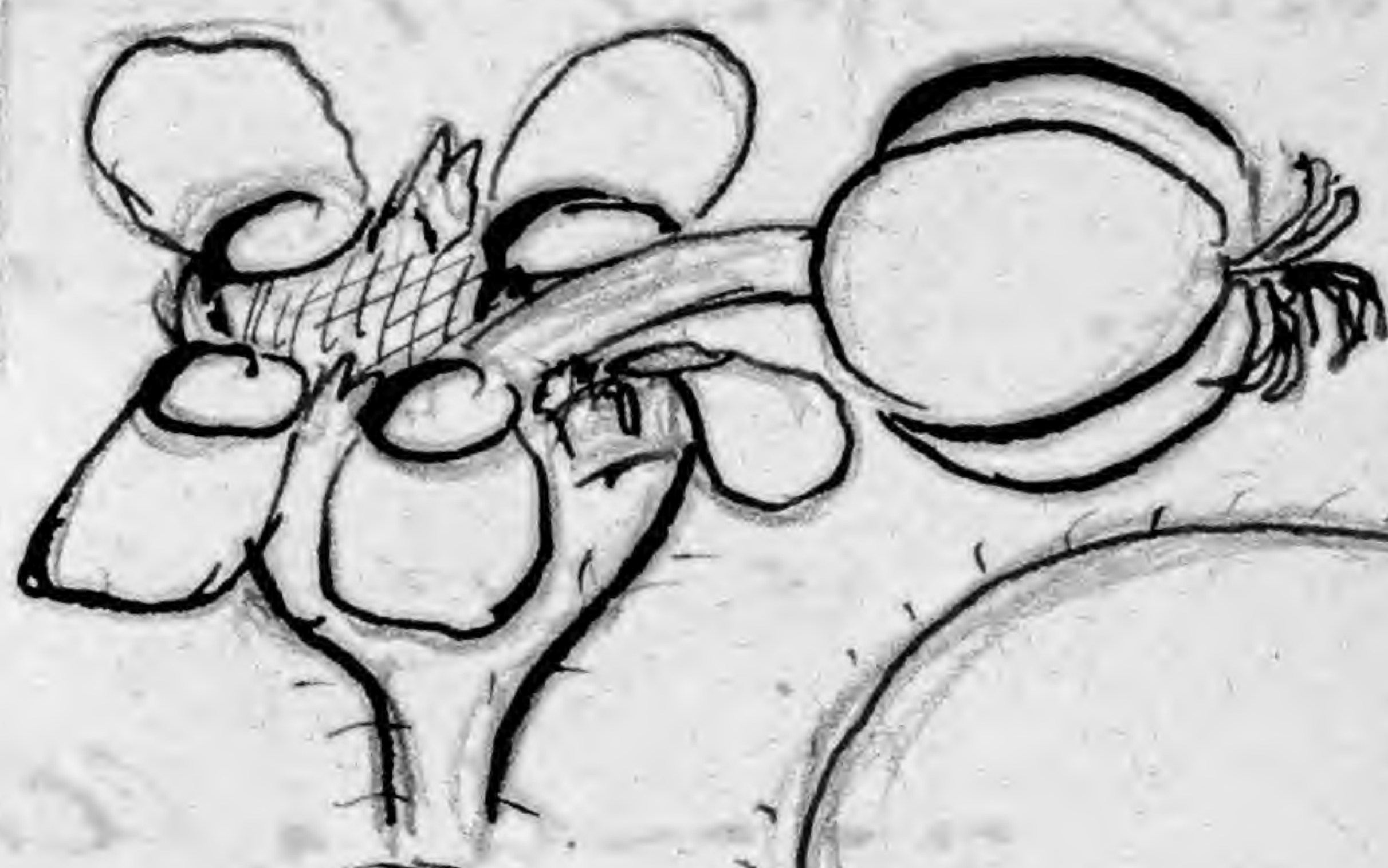
176

44 Euph. ~~Rapula~~ Euph. n. sp.*Emmropus* *Banks*maximo. Euph.  
= herb. Oculis

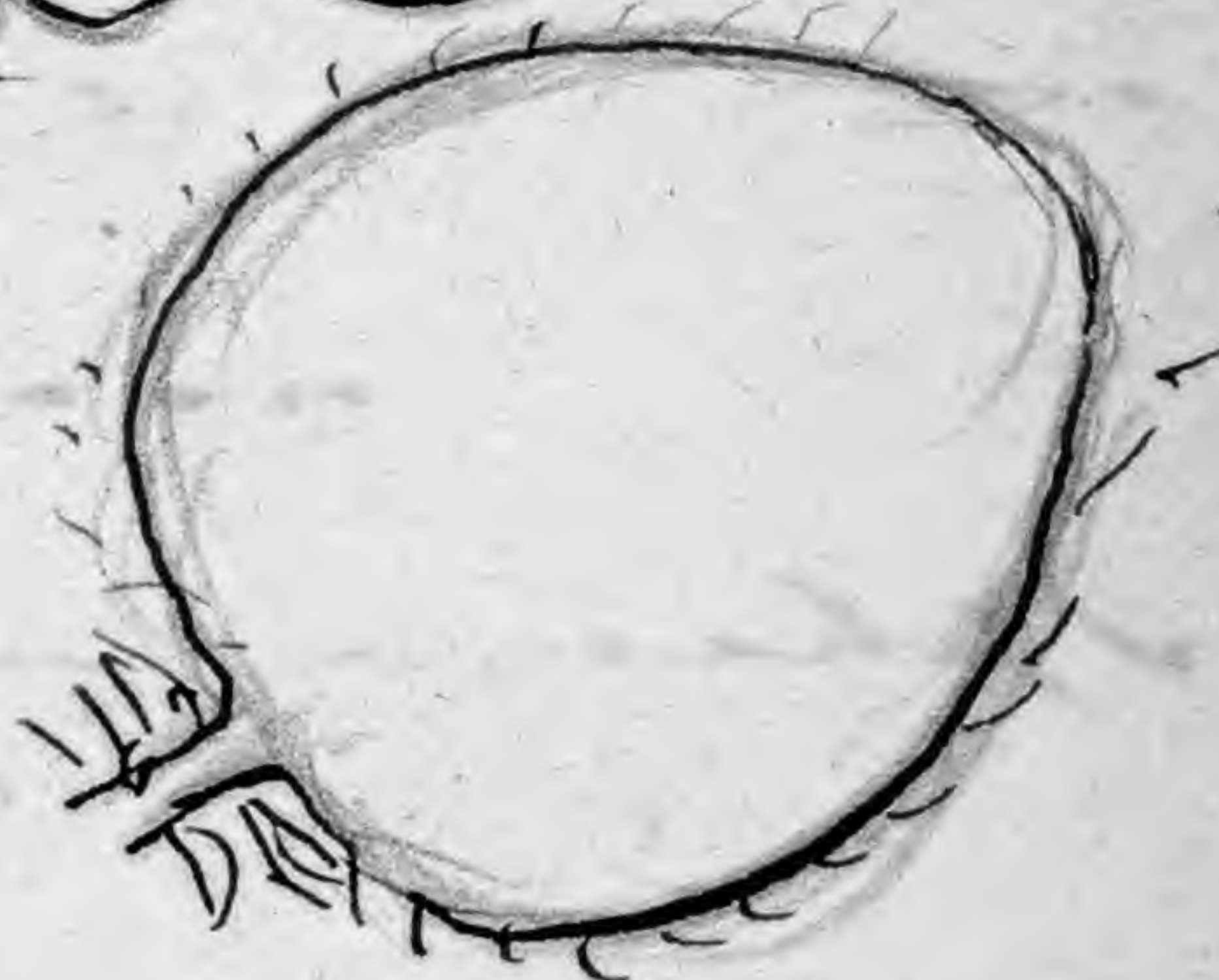
0.99

ovarii ~~oblongis~~  
oblongis

1.3'''



hair



nigra

*E. Adrie tuberosa* *causa* *caulis erectus*

Dichotomus patulus pitorius

foliis oppositis breviter petiolatis parvis

ovato-orbiculatis integris supra

glabris subtus asperis <sup>hispidulis</sup> ~~pilosis~~(pilis articulis & bulbillis <sup>surgitis</sup>)

involucris alaribus campanulatis

glandulis 5 ovato appendicibus majoribus

ovatis vix ventibus;

stylis ultra medium fissis patulis

filiformibus, ovario breviteribus;



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glabrae

Capitulum coccis obtusangulatis  
 seminatibus magnis albidis.  
 coccis ovatis tuberculato undulatis.

Not more than 2 or 3 inches  
 high — leaves 2-4 lin long,  
 hispid —

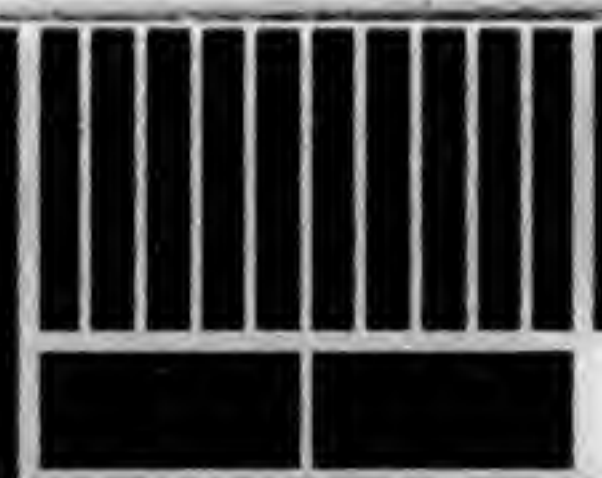
Seeds nearly 1 lin long —

Seems to be allied to *E. hexagona*  
 but a perennial! perhaps  
 more nearly allied to *Euph.*  
*sphaeranthiza*!

Is this *E. coccifera* K. in Mss.

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Reichb.?



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16 ? *E. glaucescens* Willd  
 = *E. Gerardiana* Jack fide Boiss 28  
11  
*Egph. glaucescens*  
 = *Corymbolites* ? 92 2987 Willd herb.

styl *E. Kleini* Schlecht. Mus  
 = *E. Willd.*  
 Ins. or. Klein 1799



e rhizomate crasso ligato  
 prostrato glauca glaberrima  
 fol reniformis s. orbiculatis saepe  
 retusis emarginatis ~~et~~ (in  
 vitro solana ! ) apice crenulatis  
 saepe rubro - maculatis  
 marginibus ciliatis  
 stipulis triangularibus ciliatis  
 glandulis ad apicem  
 ramulorum congestis  
 glandulis orbiculato - appendiculatis

styl  
 sem. laev. obtusangul  
 what is the difference of this and  
*E. alba* marginata ?



6926

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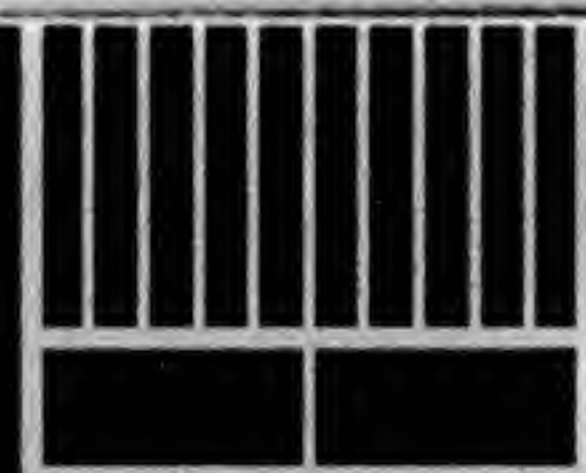


71

*Euph. Peplis* L.

422

*E. rubescens* Link



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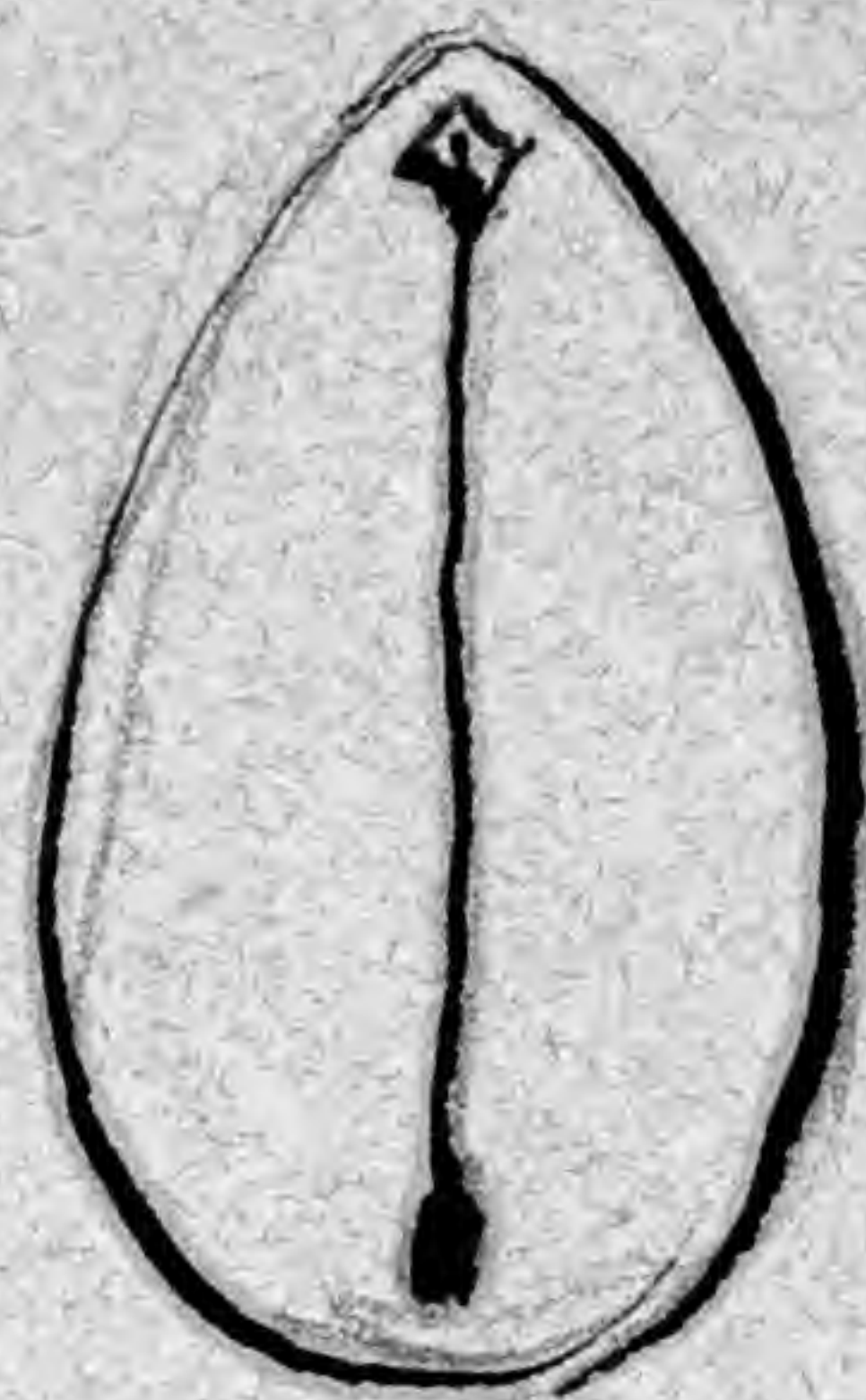
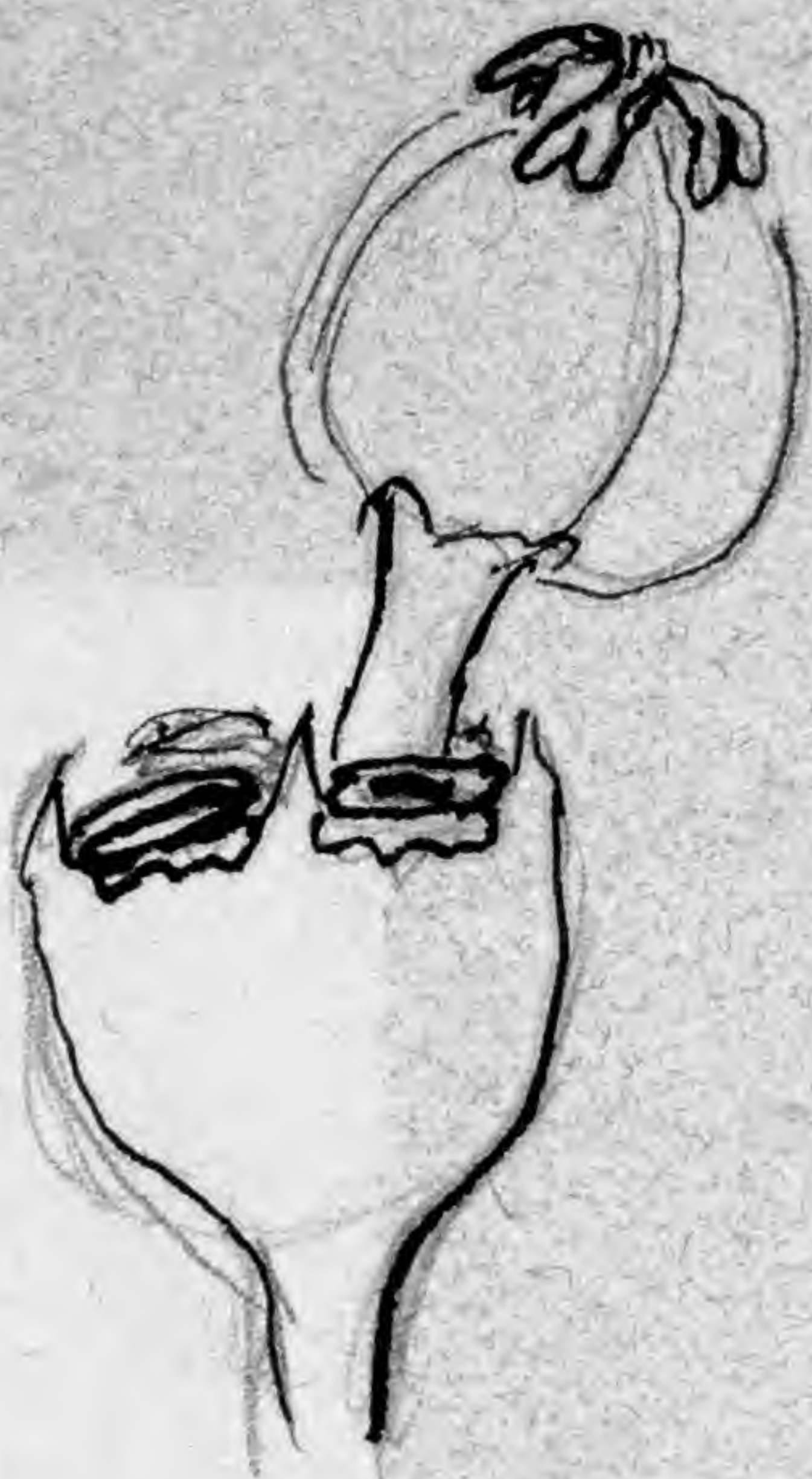


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20.6

*Peplis*



*ventral*

*Euph. Peplis*



*glue*



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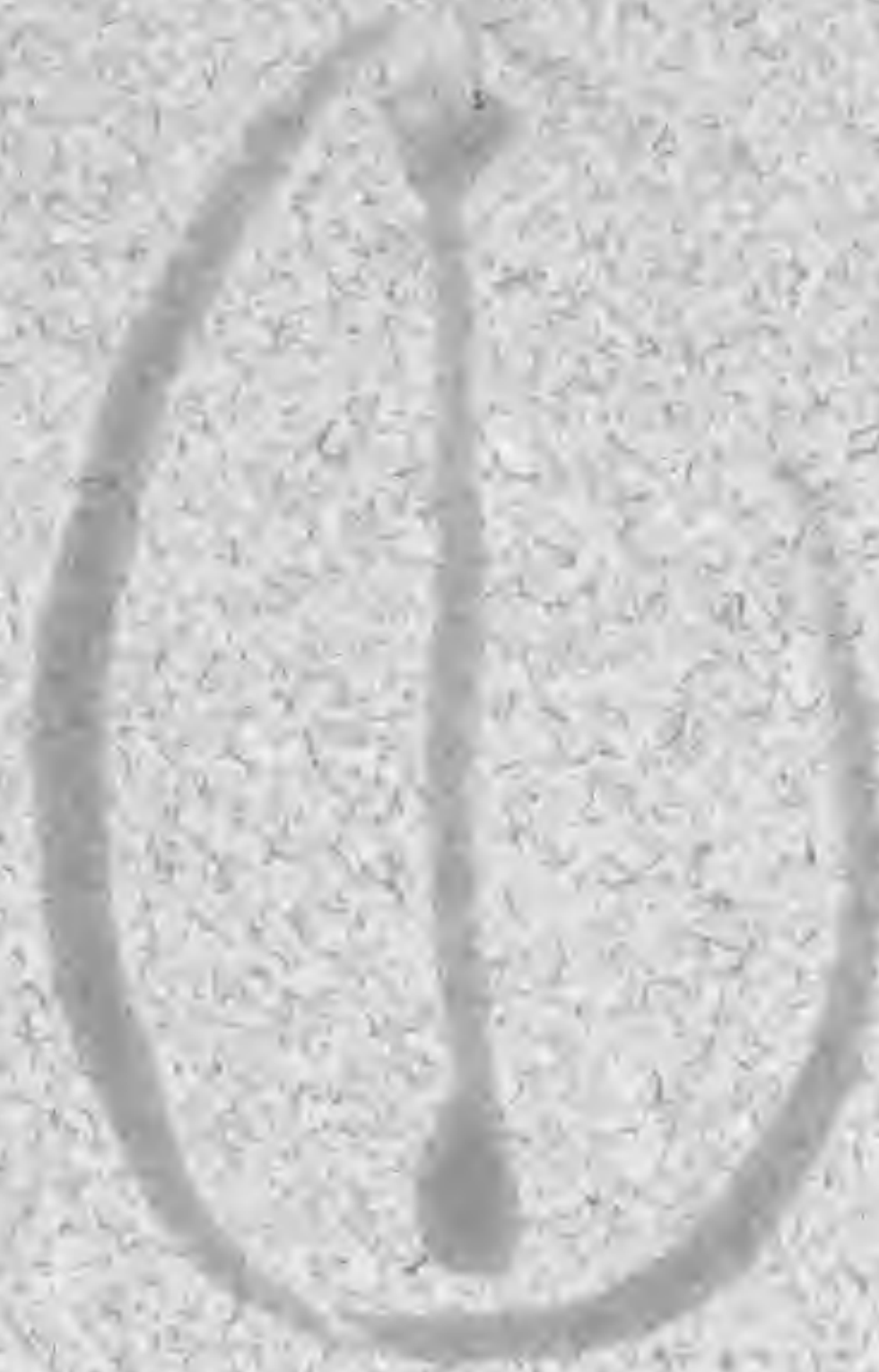
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K 72

*E. polygonifolia* L.

Great Lakes, N. Am.  
Eastern Seaboard

*B. appendiculata*

Texas Lindheimer

= petaloides

var. polygonoides

423-4



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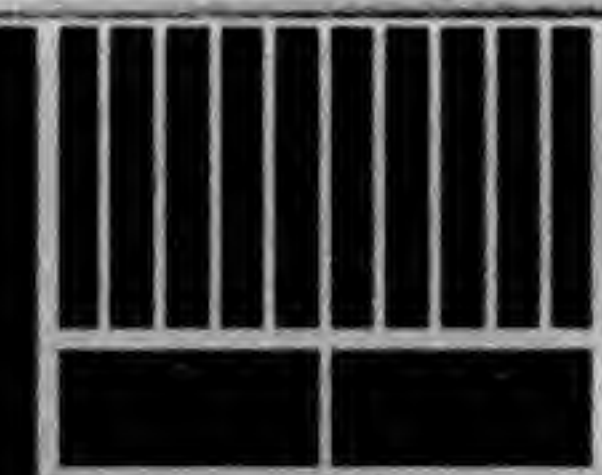


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*Salicaria repens* L.  
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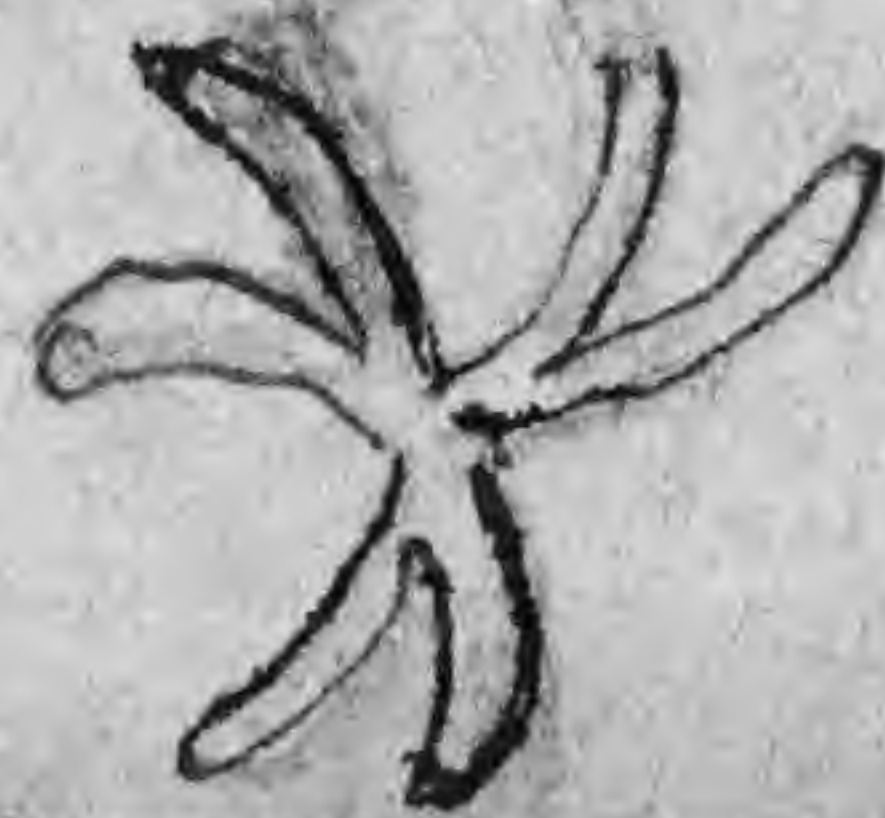


2. *polygonifolia* Dandy



seeds 1.0 x 0.7

glaberrima - diffusum  
foliis basi oblongis  
apiculis lineari-oblongis  
mucronatis integris  
stipulis subulnae fissis  
involucris dichotomis  
bracteis pedicellis minimis  
laciniis lanceolatis  
integris, glabris  
4. nervis v. margini  
stylis brevibus actin  
mod. 6-7. 10. 12. 14.  
filix glabra



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cm

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Caps. obtus

sem ov. glab

Inguis H. O. H.

the same, glands a little  
larger, seeds a little  
smaller 0.8 long.

Wright. Texas has  
same form, but involucre  
more campanulate,  
styles very short, divided  
to almost the base -  
Stigma clavate



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~~6930~~



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2. p. 3.

*Euph. polygonifolia* append.  
2 *undata*



segu. subulat.

laid open outside view

styles very short  
divided almost to the base  
stigmata cyl. indiv.

Lin. Thun  
Jepay



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*Handwritten notes, possibly "Lycopodium obscurum" and "L. obscurum"*

*Handwritten notes, possibly "Lycopodium obscurum"*

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*Handwritten notes, possibly "Lycopodium obscurum"*



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cm

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473

3.6.

*E. ammannioides* H.B.K.

Cumana Humboldt

Panamá Fiedler No 276

Florida

Texas

425-7



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*M. A. H. ...*

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*...*

*...*



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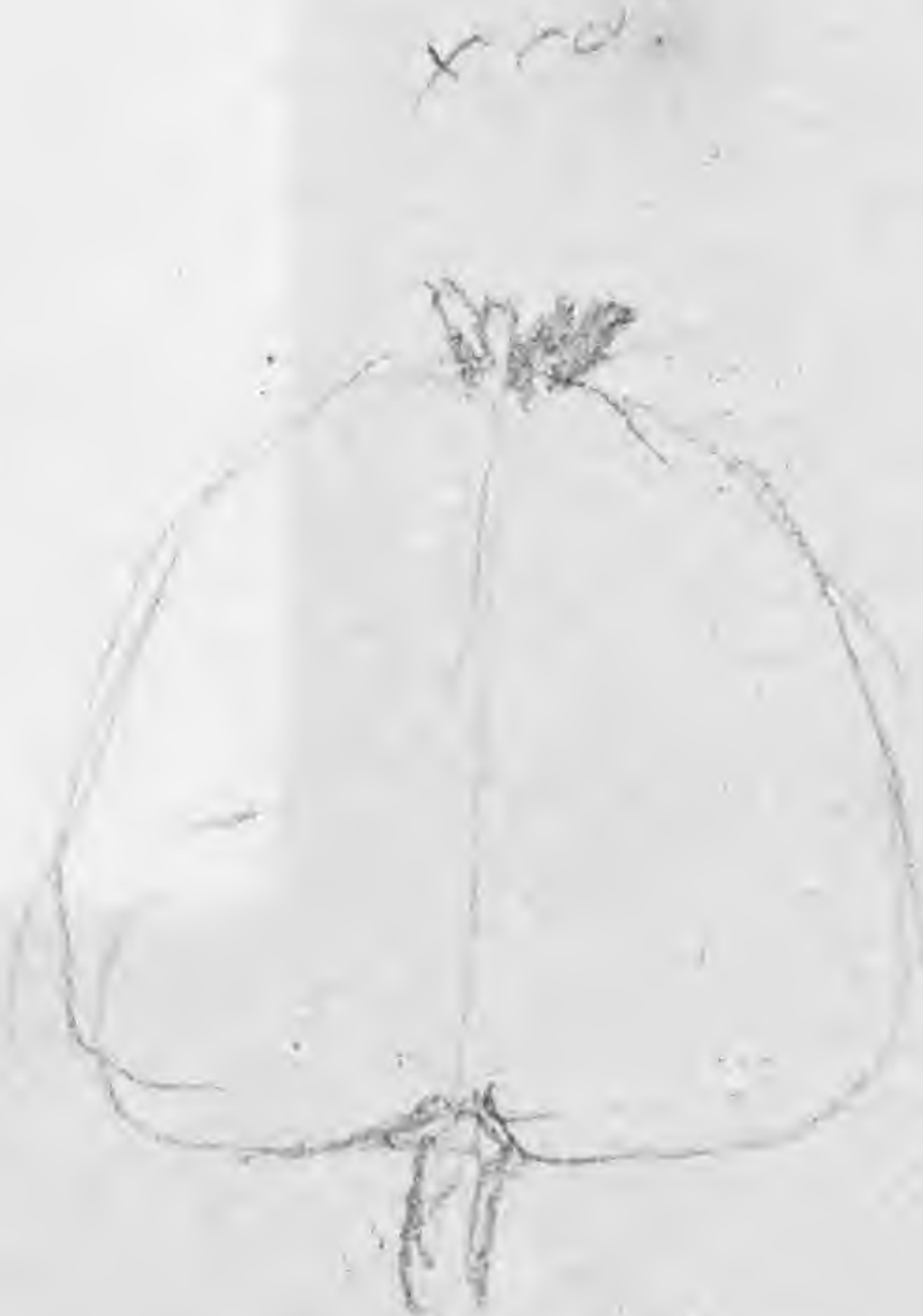
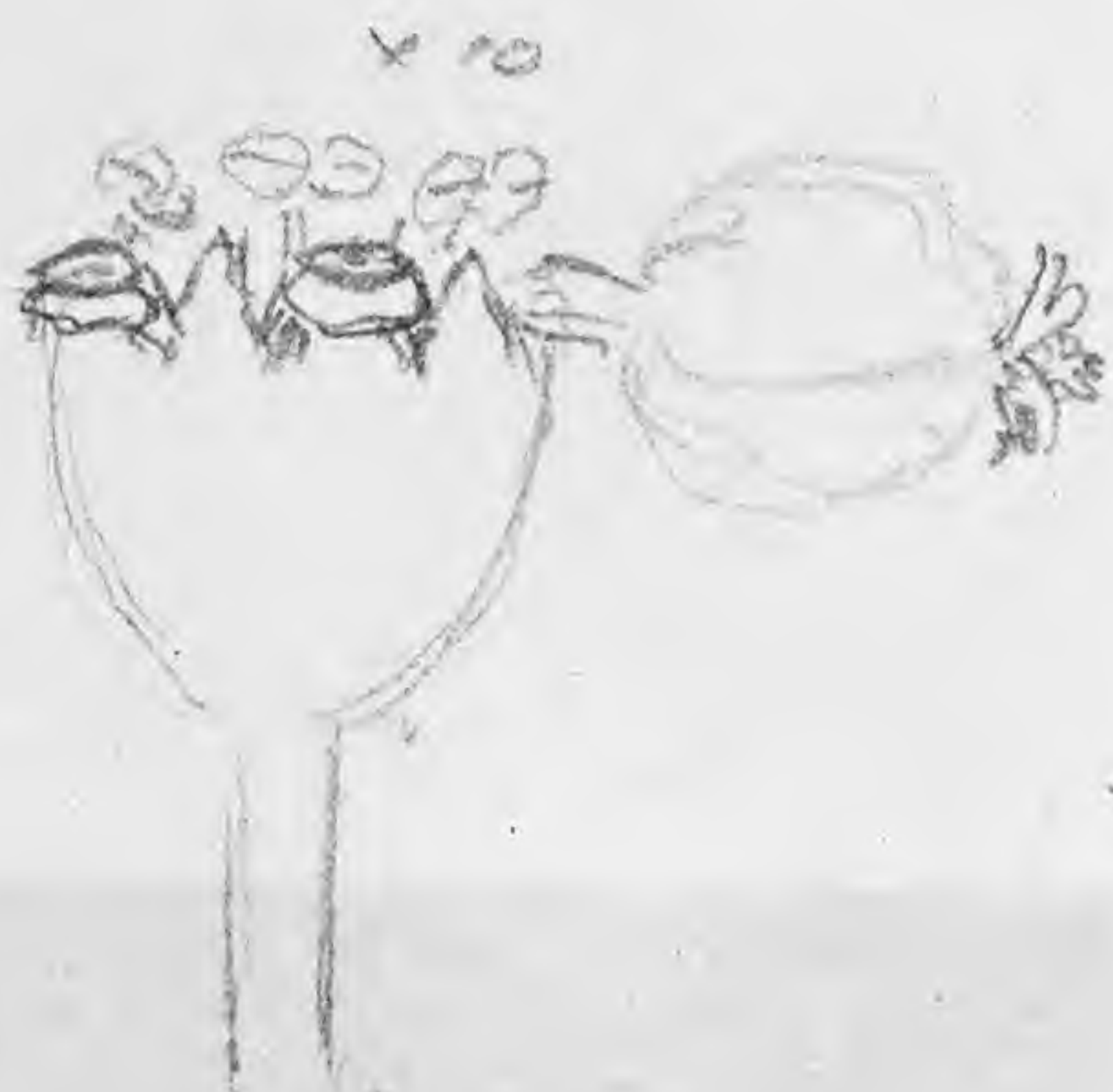
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*Euphorbia acrocarpa* Desf July 19 1877  
Chapman Florida, Caximbas



Glabrous

seed reddish, smooth  
not angled, oval

inside woolly  
lobes of involucre  
Triangular as long  
as the very small  
stipitate glands,  
apophyses narrow  
or almost wanting.

corolla rather  
sharp

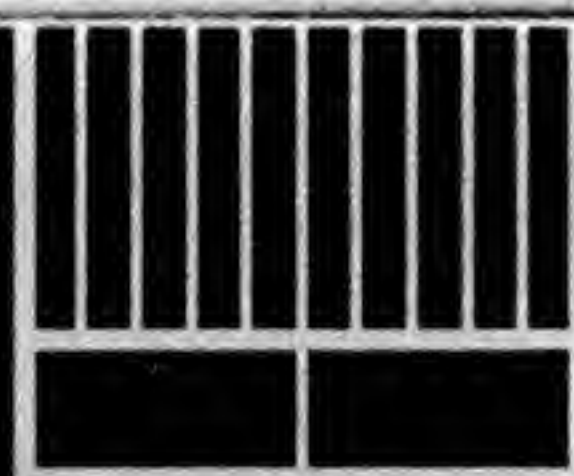
leaves long petioled.

2-5 cm long  $\frac{1}{2}$ -1  $\frac{1}{2}$  cm  
brown oblong, ~~obovate~~ <sup>obovate</sup> ~~aspidic~~ <sup>aspidic</sup>

involucres long  
single, rather long  
pedunculate

stipules setaceous firm

leaves often red above  
especially towards the margin  
and with red midrib  
paler below



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cm

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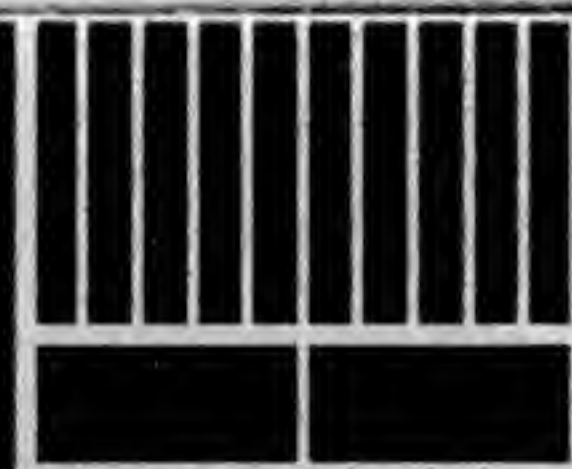
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**Leitch & Corlies**

**DRUGGISTS**

**South West  
Corner Fifth  
and Market  
Streets.**

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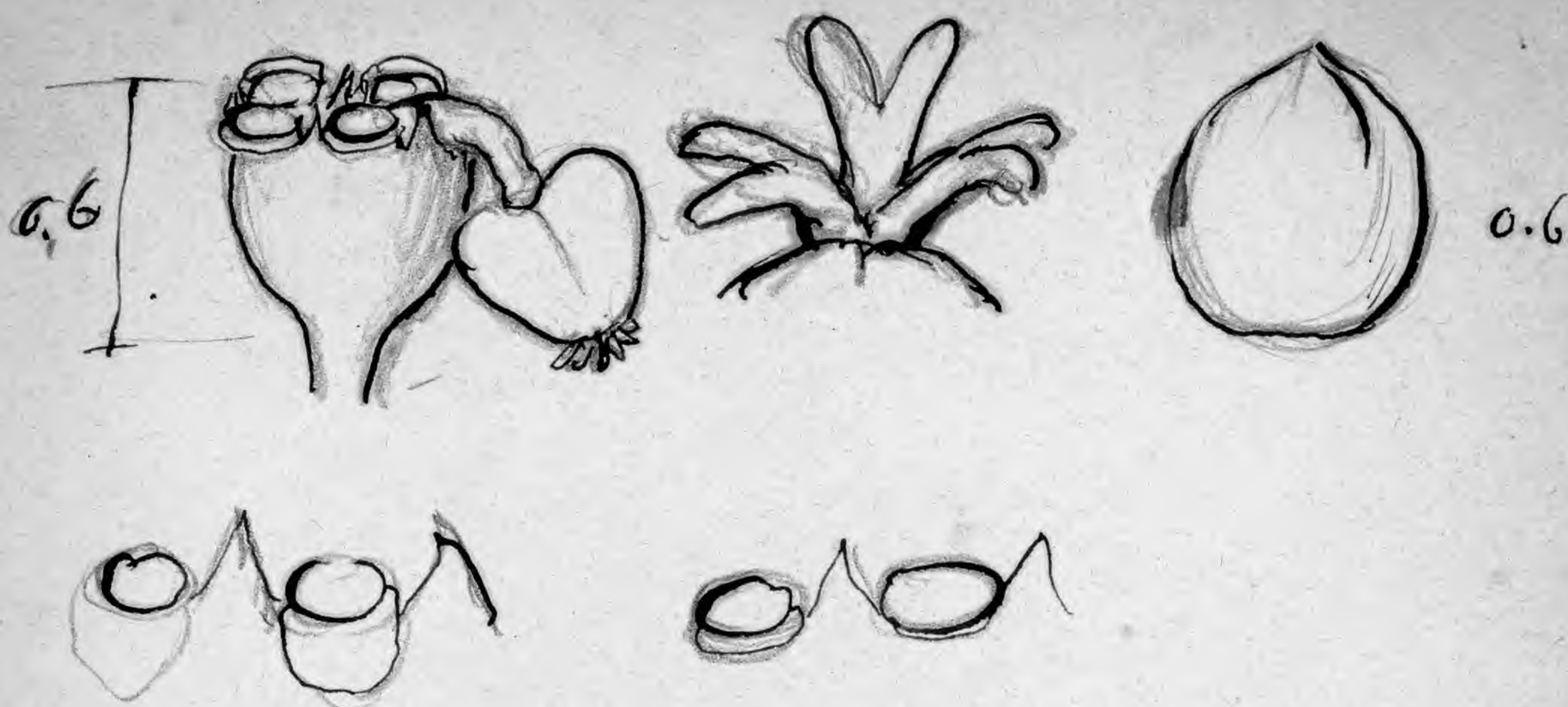
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36

*Euph. ammannioides* Kunth

Cumaná, Humboldt



anther diffusa, glaberrima  
 foliis integerrimis elongatis  
 retibus nervatis, stip. <sup>multifidis</sup> ~~stareis~~  
 involucrum albidum vix cymulosis  
 campanulatis, glandulis angustis  
 appressatis, lobis triangularibus  
 acutis;

stylis crassis brevissimis ad apicem  
 bifidis patulis;

caps. ovatis obtusangulis

sem. sphaericis vix apice  
 excipitis.

Limbo 3-5 lines long; 1-2 lines  
 seed 0.6 l. long.

= Fendler Panama plate 276.



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 cm

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1840 1840

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near 3.6. 276 *E. amannoides* Kell  
Panama, Fendler

petals, almost!

sem 0.6 - globose!

fol obly, obly

retuse mucron integ  
stipulactar, multifid

petaloid append, entire  
or lobed -

styg<sup>short</sup> to the middle  
styg<sup>short</sup> clavellate

*Sphaerocarpum*



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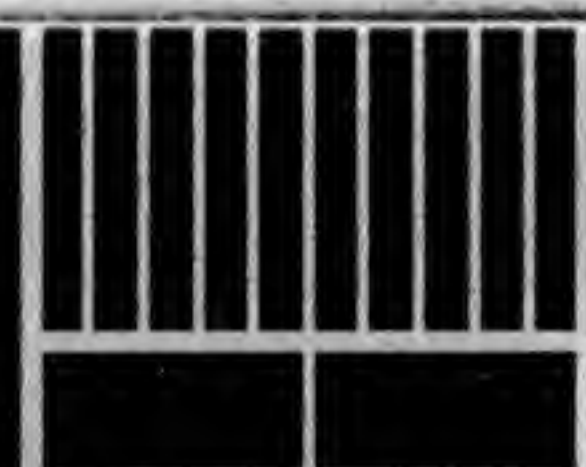


74

*E. ocellata* Dur & Hilg!

Californici Hermann

428



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glaberrima; foliis deltatis basi obtusis  
 subfalcatis <sup>inter</sup> stipulis setaceis  
 involucri <sup>59mm</sup> glandulis tri- <sup>quart</sup>  
 clavi-virescentibus marginibus; lobis  
 triangularibus <sup>floribus trifidis</sup>  
 stylis ad dimid-  
 bifidis brevibus  
 capsula erecta



corolla obtusius globosa  
 7 mm sub globosa smooth 0.7 by  
 over 0.5 or in 0.6 thick

Rosa Creek, California  
 Hermann



0 1 2 3 4 5 6 7 8 9 10

cm

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13  
published in the Journal of  
Aron. Hist. Nat. Phil.  
nts, as the name indicates, 1854  
ing permanently in a state in  
the Platycnidae are found;  
very prominent, + and all on  
sides with the exception of  
second section. In the first  
trate, the joints <sup>are short and</sup> ~~abbreviated~~ of  
ous tissue is loosely reticulated  
tine; spines more or less  
epidermis not or very slightly

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6437



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